

Title (en)

Integrated system for reducing and automatically controlling hydric and energetic consumptions when using water coming from distribution networks of aqueducts

Title (de)

Integriertes System zur Reduzierung und automatischen Steuerung des Wasser- und Energieverbrauchs bei der Verwendung von Wasser aus Verteilungsnetzwerken von Aquädukten

Title (fr)

Système intégré pour la réduction et le contrôle automatique des consommations en eau et en électricité lors de l'utilisation d'eau en provenance de réseaux de distribution d'aqueducs

Publication

EP 2439432 A1 20120411 (EN)

Application

EP 10425322 A 20101005

Priority

EP 10425322 A 20101005

Abstract (en)

An integrated system is described for reducing and automatically controlling hydric and energetic consumptions when using water coming from distribution networks of aqueducts, comprising: at least one mixing valve (3) of air and water for taps (8), that is adapted to be placed inside a tap (8) and is equipped with a variable and self-regulating water-passage section; and at least one modulating valve (4) of flow-rates for showers (17), that is adapted to be placed inside a fixed shower (17) or inside the hoses (50) of a shower (17) and is adapted to compensate the water pressure, in order to keep the flow constant independently from the pressure.

IPC 8 full level

F16K 11/00 (2006.01)

CPC (source: EP)

E03C 1/08 (2013.01); **F16K 17/048** (2013.01); **F16K 17/34** (2013.01); **E03C 2001/026** (2013.01); **Y02A 20/40** (2017.12)

Citation (search report)

- [X] WO 2009067083 A1 20090528 - JVL ENGINEERING PTE LTD [SG], et al
- [A] EP 1933217 A1 20080618 - NEOPERL GMBH [DE]
- [A] DE 202007008808 U1 20070913 - WATERSAVERS S R O [CZ]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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